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Substitute for Form 1449/PTO		<b>Complete if Known</b> <b>Application Number</b> 10/536,471 <b>Filing Date</b> 2003-12-16 <b>First Named Inventor</b> PROCTOR JR.; James A., <b>Art Unit</b> 2617 <b>Examiner Name</b> DOAN, Phuoc Huu	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary.)</i>		<b>Attorney Docket No:</b> 080589	
		<b>Sheet</b> 1 <b>of</b> 4	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2(f)</sup> (known)			
	001	US5095528	03-10-1992	LESLIE; Samuel A., et al.	
	002	US5767788	06-16-1998	NESS; James C.	
	003	US6663468	05-13-2003	HILL; Robert, et al.	
	004	US6664932	12-16-2003	SABET; Kazem F., et al.	
	005	US6788256	09-07-2004	HOLLISTER; John E.	
	006	US7457587	11-25-2008	CHUNG; Hee-Sok	
	007	US7729669	06-01-2010	VAN BUREN; V. Alan, et al.	
	008	US20010040699	11-15-2001	OSAWA; Hidefumi, et al.	
	009	US20010050580	12-13-2001	O'toole; James E., et al.	
	010	US20020119783	08-29-2002	BOURLAS; Yair, et al.	
	011	US20020159506	10-31-2002	ALAMOUTI; Siavash, et al.	
	012	US20040056802	03-25-2004	HOLLISTER; John E.	
	013	US20040208258	10-21-2004	LOZANO; Angel, et al.	
	014	US20040235417	11-25-2004	DEAN; Richard F.	
	015	US20040248581	12-09-2004	SEKI; Hiroyuki, et al.	
	016	US20060028388	02-09-2006	SCHANTZ; Hans Gregory	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			

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SUBS.5a for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Complete if Known <b>Application Number</b> 10/536,471 <b>Filing Date</b> 2003-12-16 <b>First Named Inventor</b> PROCTOR JR., James A. <b>Art Unit</b> 2617 <b>Examiner Name</b> DOAN, Phuoc Huu	
<b>Sheet</b>	<b>2</b>	<b>of</b>	<b>4</b>
		<b>Attorney Docket No:</b> 080589	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)				
	017	JP02100358	04-12-1990	TOSHIBA CORP.		<input checked="" type="checkbox"/>
	018	JP03021884	01-30-1991	MITSUBISHI ELECTRIC CORP.		<input checked="" type="checkbox"/>
	019	JP05063623	03-12-1993	NEC CORP.		<input checked="" type="checkbox"/>
	020	JP06334577	12-02-1994	NIPPON TELEGRAPH & TELEPHONE		<input checked="" type="checkbox"/>
	021	JP07030473	01-31-1995	NIPPON TELEGRAPH & TELEPHONE		<input checked="" type="checkbox"/>
	022	JP07079205	03-20-1995	NIPPON TELEGRAPH & TELEPHONE		<input checked="" type="checkbox"/>
	023	JP08274706	10-18-1996	KYOCERA CORP.		<input checked="" type="checkbox"/>
	024	JP10135892	05-22-1998	MITSUBISHI ELECTRIC CORP.		<input checked="" type="checkbox"/>
	025	JP2000236290	08-29-2000	NEC ENG LTD.		<input checked="" type="checkbox"/>
	026	JP2000269873	09-29-2000	KOKUSAI ELECTRIC CO LTD.		<input checked="" type="checkbox"/>
	027	JP2002271255	09-20-2002	TOSHIBA DIGITAL MEDIA ENGINEERING CORP.		<input checked="" type="checkbox"/>
	028	JP2003174394	06-20-2003	HITACHI KOKUSAI ELECTRIC INC.		<input checked="" type="checkbox"/>
	029	JP2004328666	11-18-2004	MATSUSHITA ELECTRIC WORKS LTD.		<input checked="" type="checkbox"/>
	030	JP2005531202	10-13-2005	WIDEFI, INC.		<input checked="" type="checkbox"/>
	031	JP2005531265	10-13-2005	QUALCOMM INC.		<input checked="" type="checkbox"/>
	032	JP2006503481	01-26-2006	QUALCOMM INCORPORATED		<input checked="" type="checkbox"/>
	033	JP2006505146	02-09-2006	QUALCOMM INC [US]		<input checked="" type="checkbox"/>

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 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
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Substitute for form 1146/PTO		Complete if Known		
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		<b>Filing Date</b>	2003-12-16	
		<b>First Named Inventor</b>	PROCTOR JR., James A.	
		<b>Art Unit</b>	2617	
		<b>Examiner Name</b>	DOAN, Phuoc Huu	
<b>Sheet</b>	3	of	4	<b>Attorney Docket No:</b> 080589

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> Number* Kind Code <sup>6</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	034	JP6013947	01-21-1994	NEC CORP.		<input checked="" type="checkbox"/>
	035	WO0152447	07-19-2001	ANDREW CORPORATION [US]		<input type="checkbox"/>
	036	WO0182512A1	11-01-2001	KOREA TELECOM FREETEL CO., LTD. [KR]		<input type="checkbox"/>
	037	WO03013005A2	02-13-2003	SPOTWAVE WIRELESS INC [CA]		<input type="checkbox"/>
	038	WO05115022	12-01-2005	WIDEFI, INC.		<input type="checkbox"/>
	039	WO2004002014	12-31-2003	QUALCOMM INCORPORATED [US]		<input type="checkbox"/>
	040	WO2004004365	01-08-2004	QUALCOMM INCORPORATED [US]		<input type="checkbox"/>
	041	WO9959264A2	11-18-1999	NOKIA NETWORKS OY [FI]		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T2
	042	Translation of Office Action in Japanese application 2009-503041, corresponding to US application 11/730,361, citing WO05115022, JP10-135892, JP2005-531265, 2006-503481, JP2005-531202 AND JP2006-505146. Dated 2010-10-26 (080600JP).				<input type="checkbox"/>
	043	Translation of Office Action in Korean application 2009-7010639, corresponding to US application 12/439,018, citing WO01052447 and US2004/0208258, Dated 2010-11-15 (080608KR).				<input type="checkbox"/>

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